



FEMA



Prepared by
Todd Beal

FEMA Region 6 Weather Threat Briefing

Sunday May 1, 2022

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



Summary of the Upcoming Week

- **Slight to Enhanced risk area for severe thunderstorms with large hail, damaging winds, and tornadoes across E NM, TX/OK Panhandles into West, Central, and North TX, and SW OK.**
- **Isolated heavy rainfall and flash flooding across OK, the TX Panhandle, and W and N TX today.**
- **Slight to Enhanced risk area for severe thunderstorms with large hail/tornadoes across OK, NW TX, and N AR on Monday.**
- **Scattered heavy rainfall and flash flooding on Monday across NE OK and NW AR.**
- **Chances for severe thunderstorms continue Tuesday through Thursday across portions of AR, TX, OK, and LA.**
- **Elevated to critical fire weather conditions through Tuesday across NM and W TX.**



FEMA Region 6 Threat Matrix

May 1, 2022 - May 5, 2022

DAY / THREAT	Sun	Mon	Tue	Wed	Thu
Severe Storms	E NM,TX Panhandle, W and W Cntrl TX	Cntrl and N OK	AR	Cntrl and S OK NTX	SE OK/NETX AR/NW LA
	SW OK, OK Panhandle, N and Cntrl TX	OK, N AR, NW TX		N and Cntrl TX	
Heavy Rain / Flash Flooding	OK,TX Panhandle, W and N TX	NE OK, NW AR		OK	
		OK,AR, N TX			
Fire Weather	NM,W TX	NM,W TX	NM,W TX		
Winds					
Winter Weather					
River Flooding	AR, LA	AR, LA	AR, LA	AR, LA	AR, LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

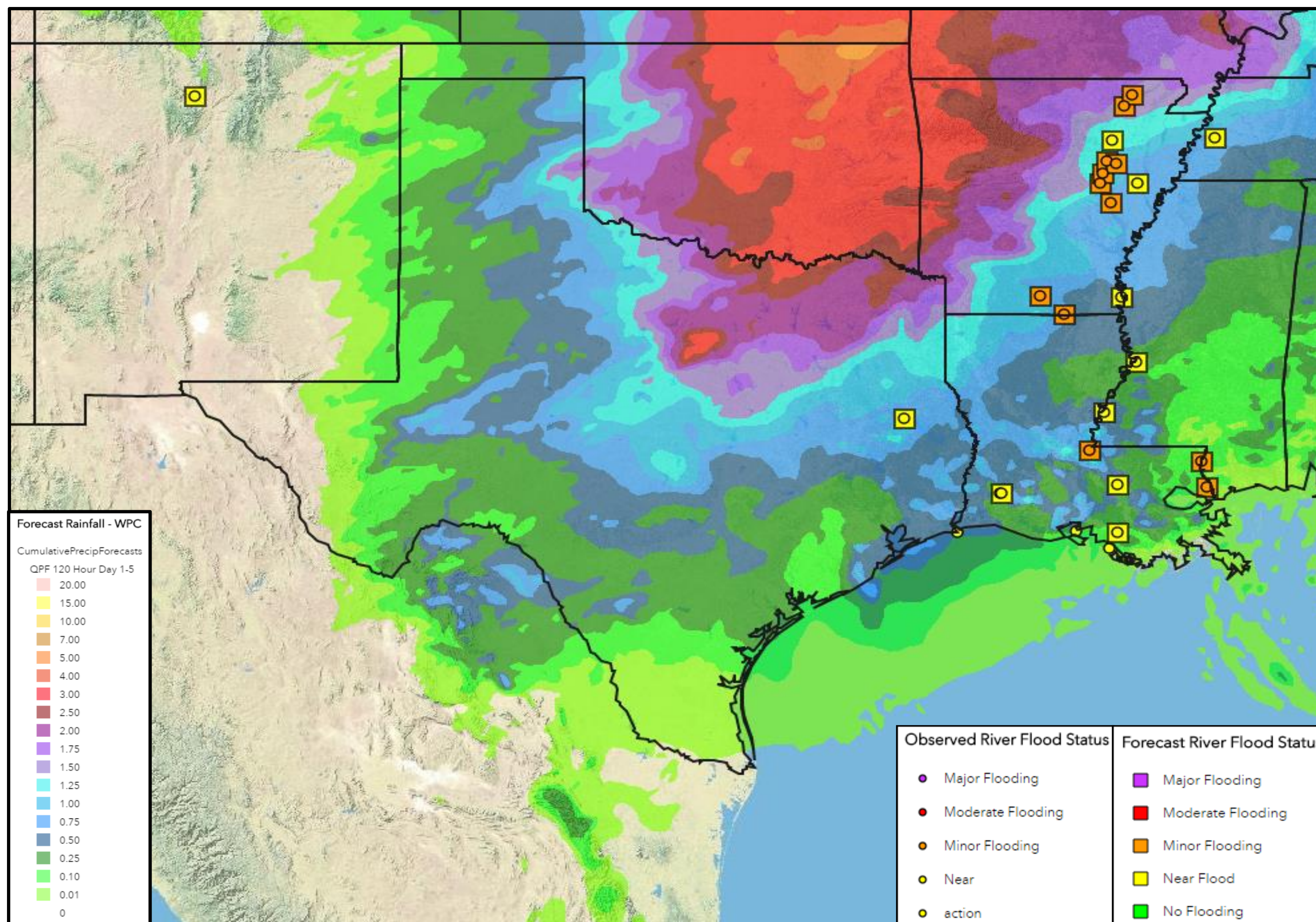
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.



5-Day Precipitation Forecast & River Flood Status

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Minor river flooding across AR and LA.

Impacts to secondary roads in agricultural and recreational areas.

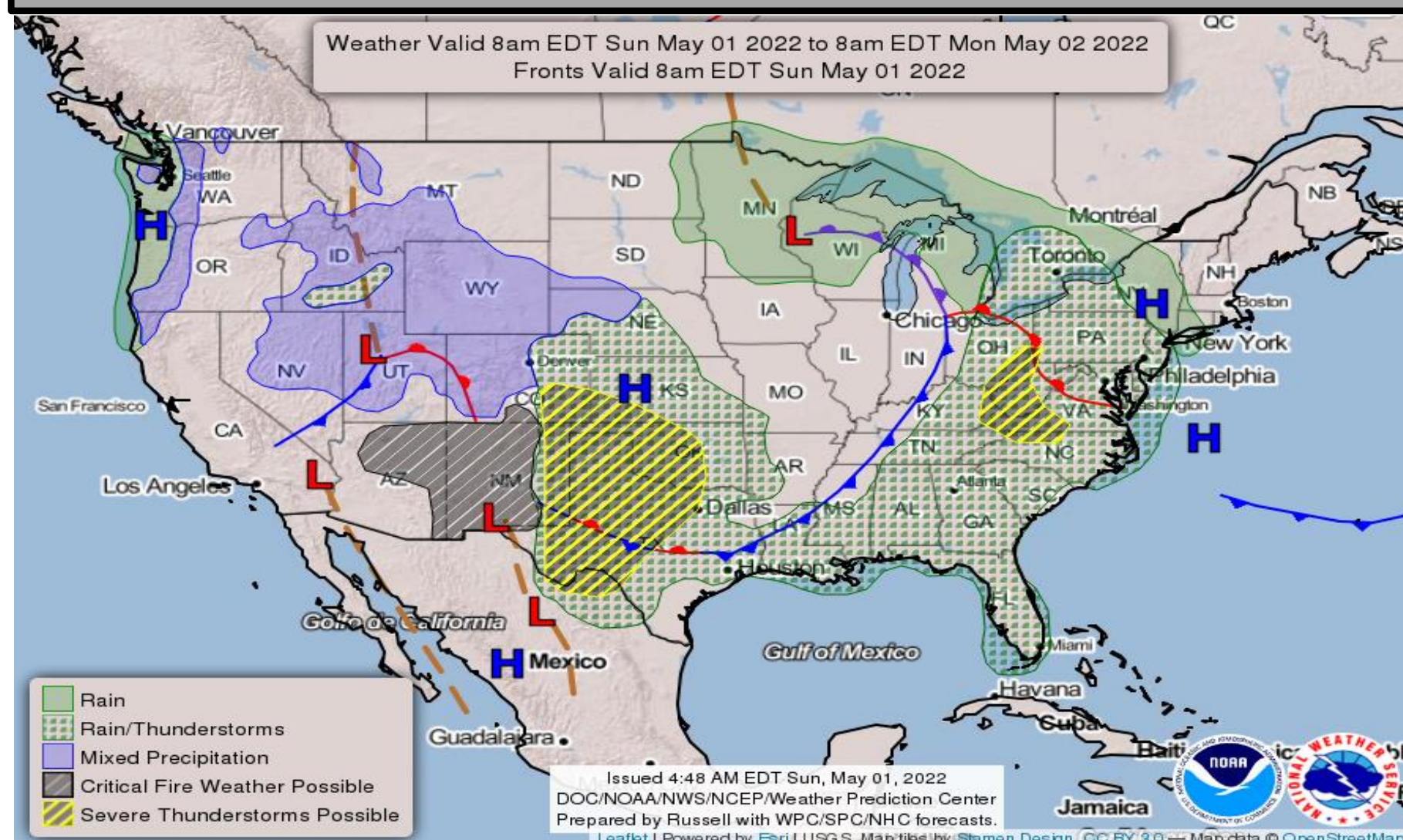
Rainfall this week could result in minor river flooding in OK.

<http://water.weather.gov/ahps> for latest river flooding

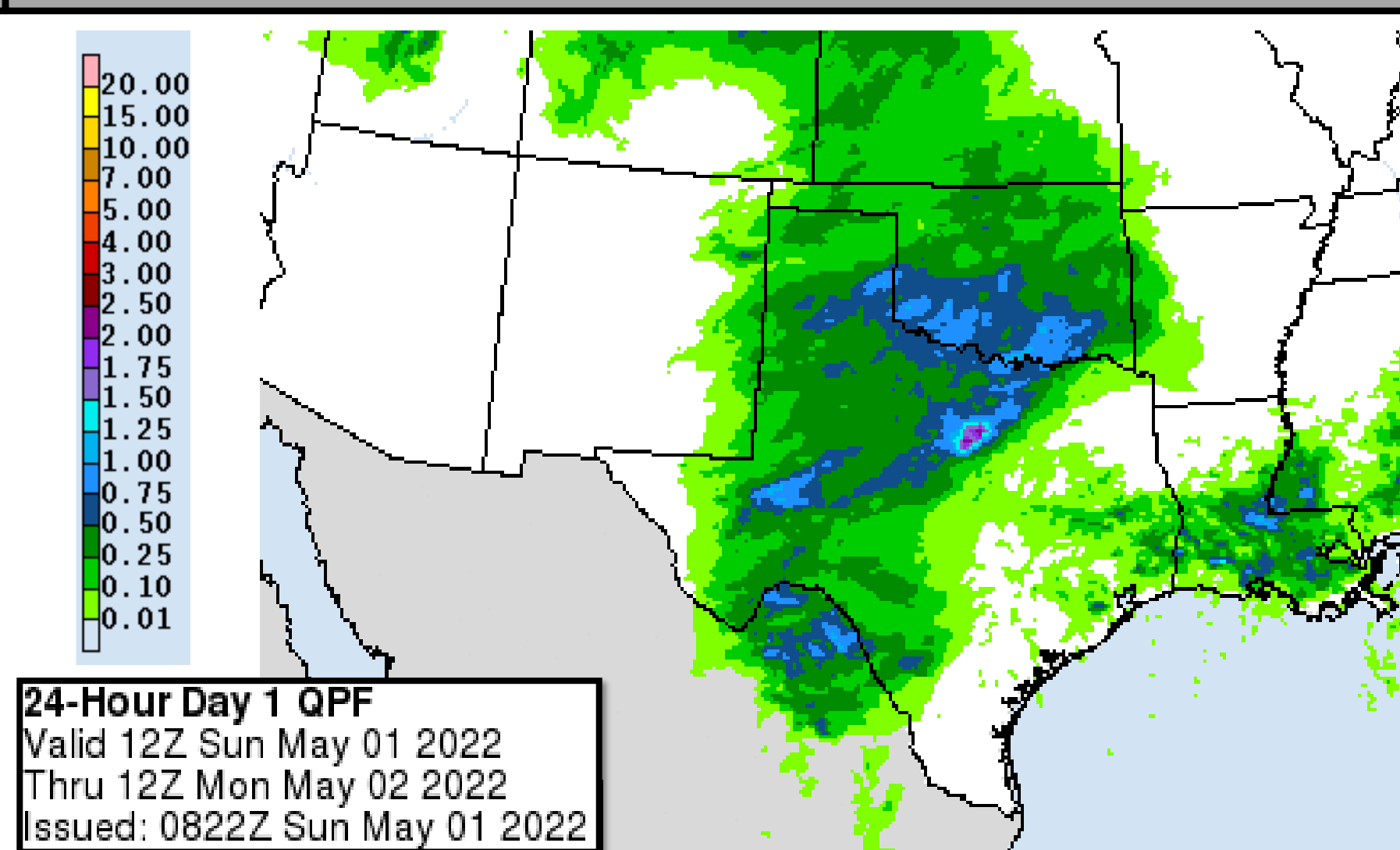


Today's Weather

Forecast Chart



Forecast Rainfall



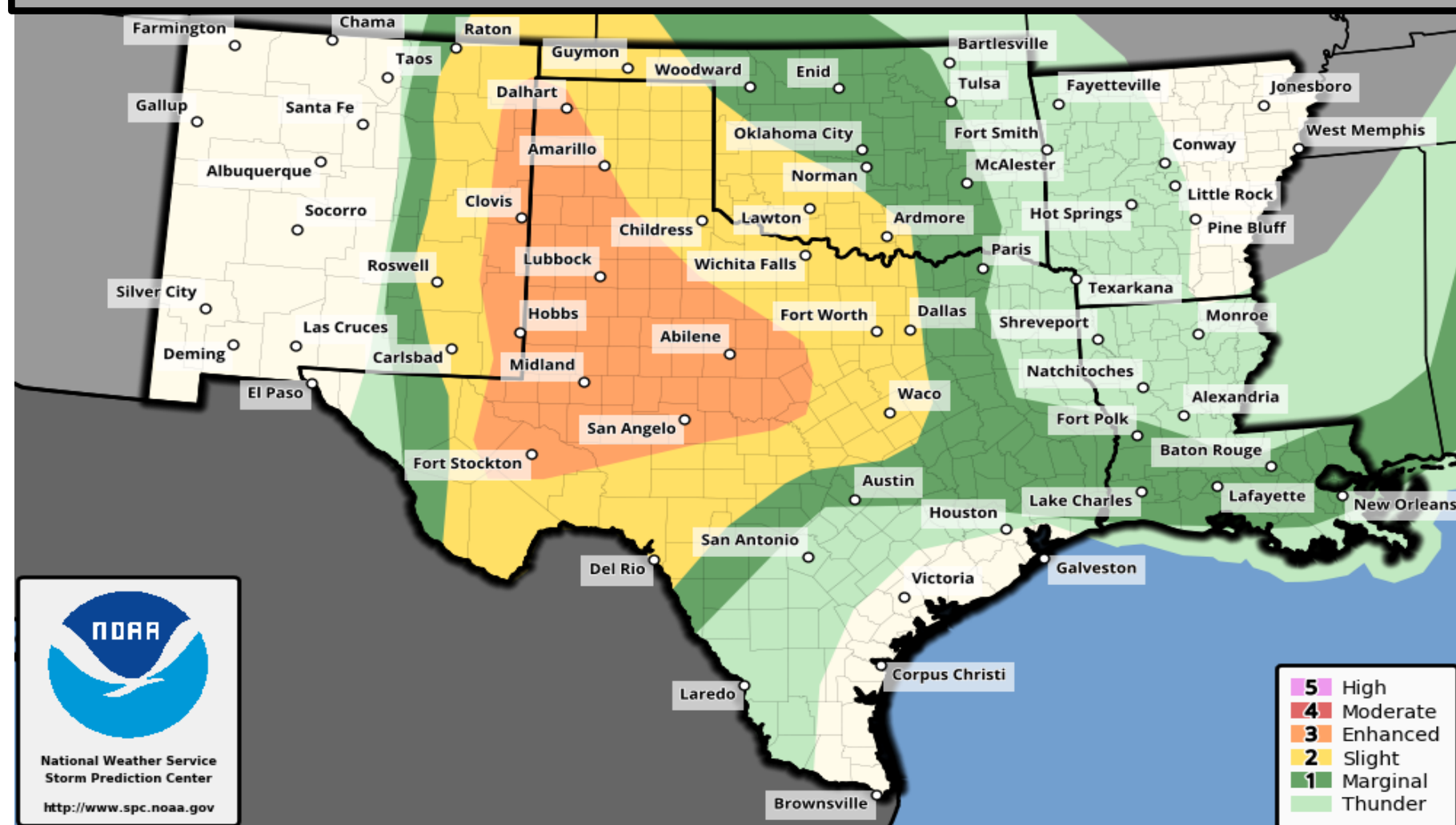
Enhanced risk area for severe thunderstorms across E NM, the TX Panhandle, W and W Cntrl TX. Threats include large hail, damaging winds, and tornadoes. Very large hail 2 inches or greater will be possible.

Slight risk area for severe thunderstorms across the OK Panhandle, SW OK, N and Cntrl TX.

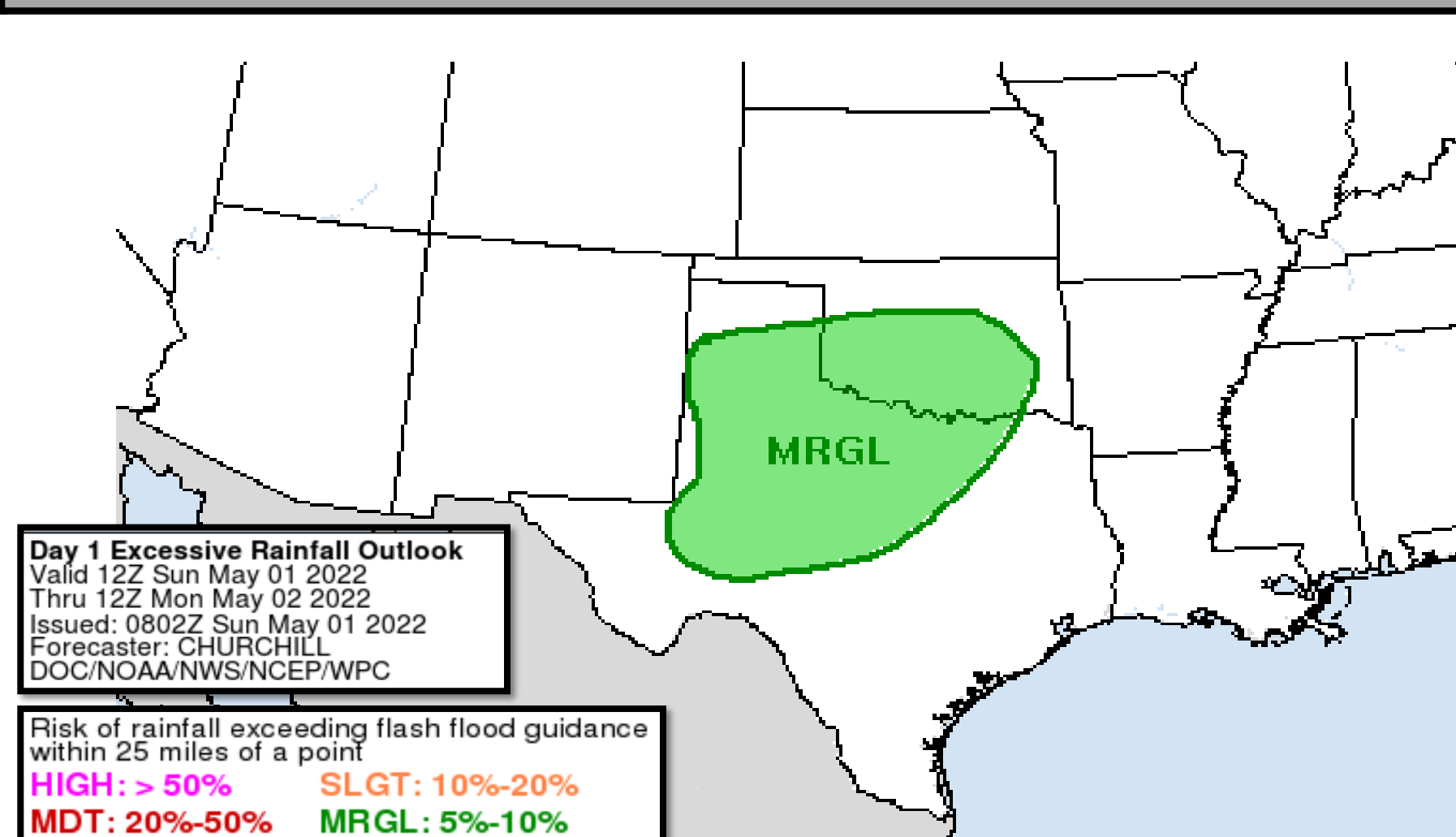
Critical fire weather conditions for NM and W TX.

Isolated heavy rainfall and flash flooding across the TX Panhandle, W into N TX, and OK.

Severe Weather Outlook



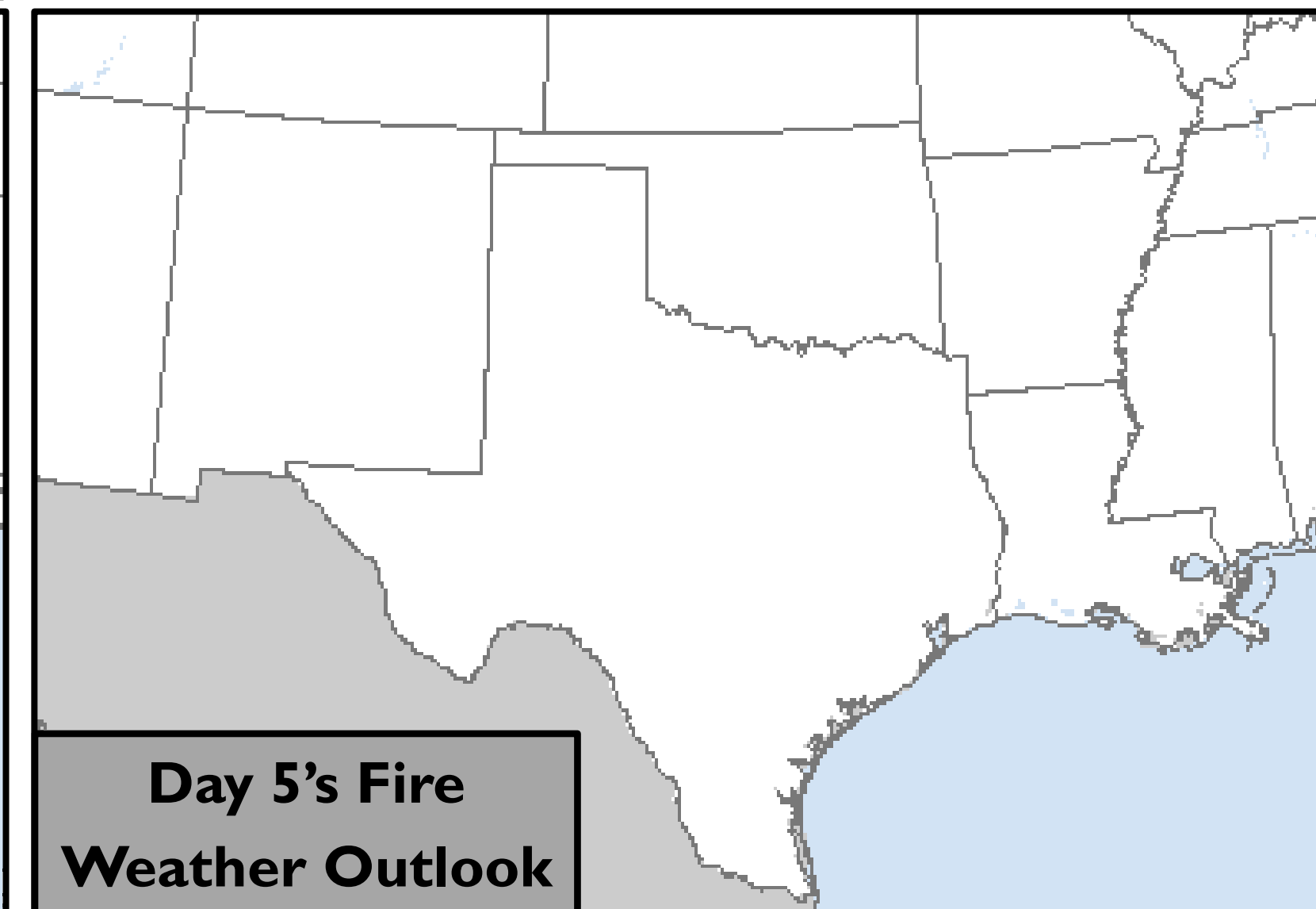
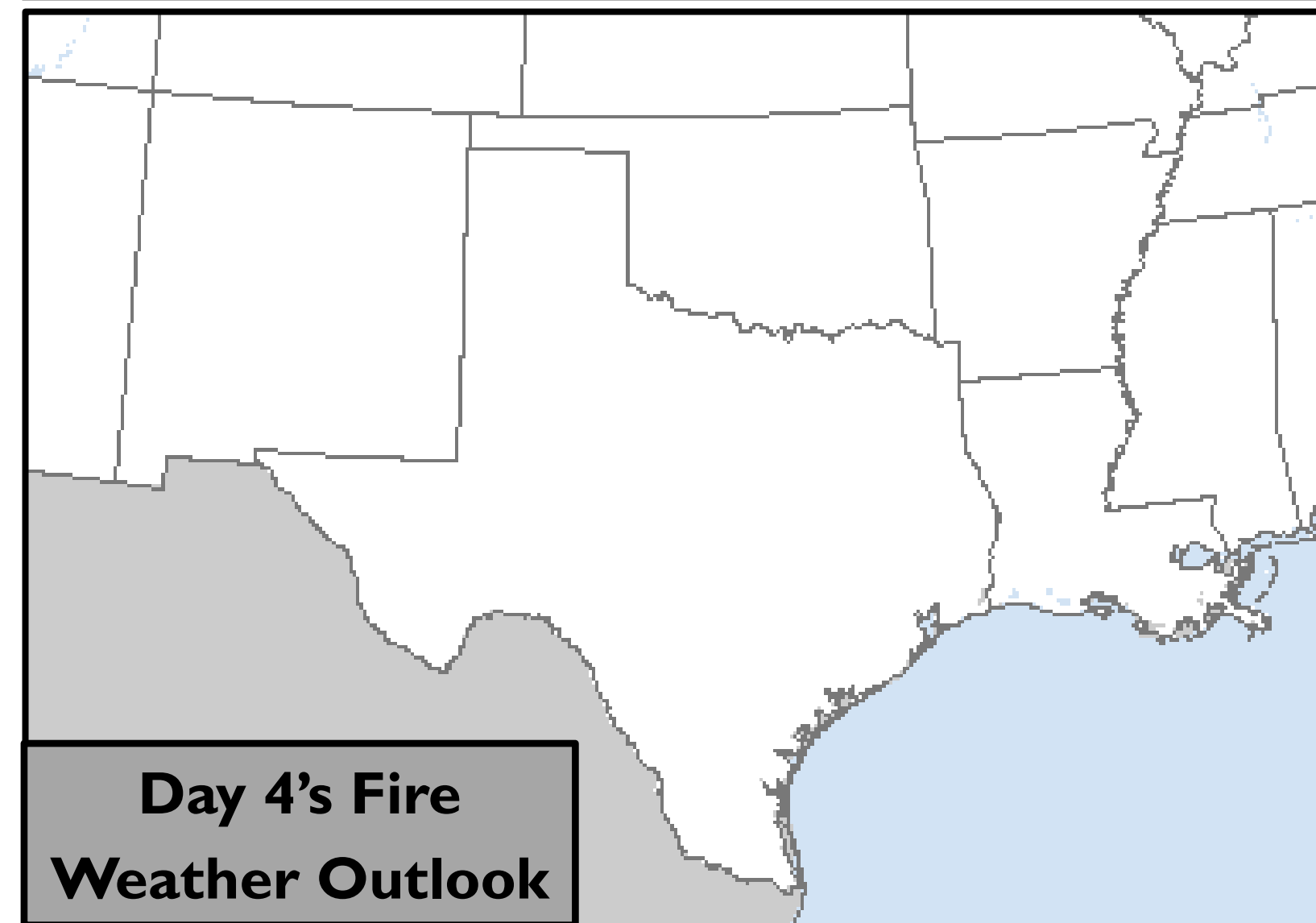
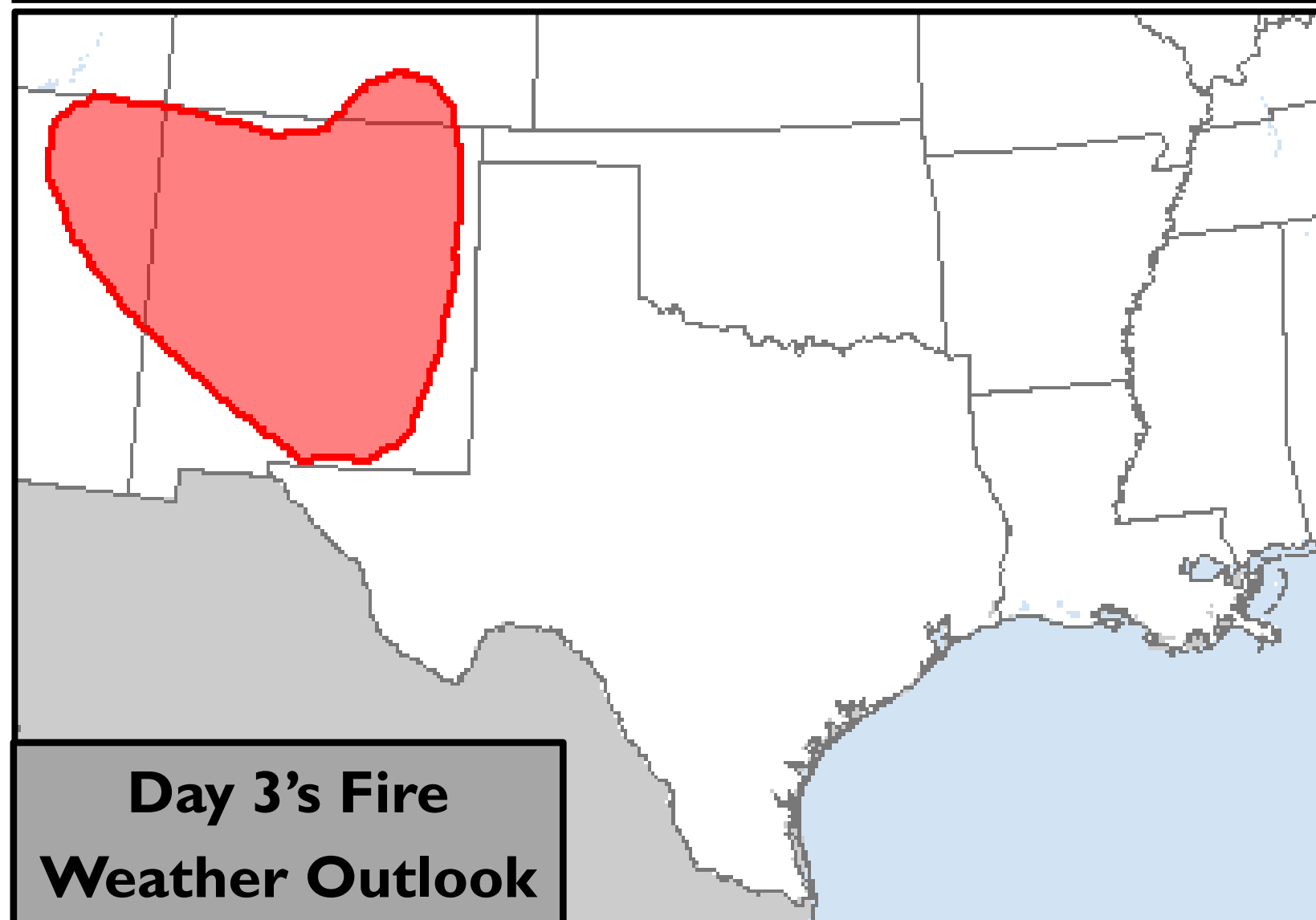
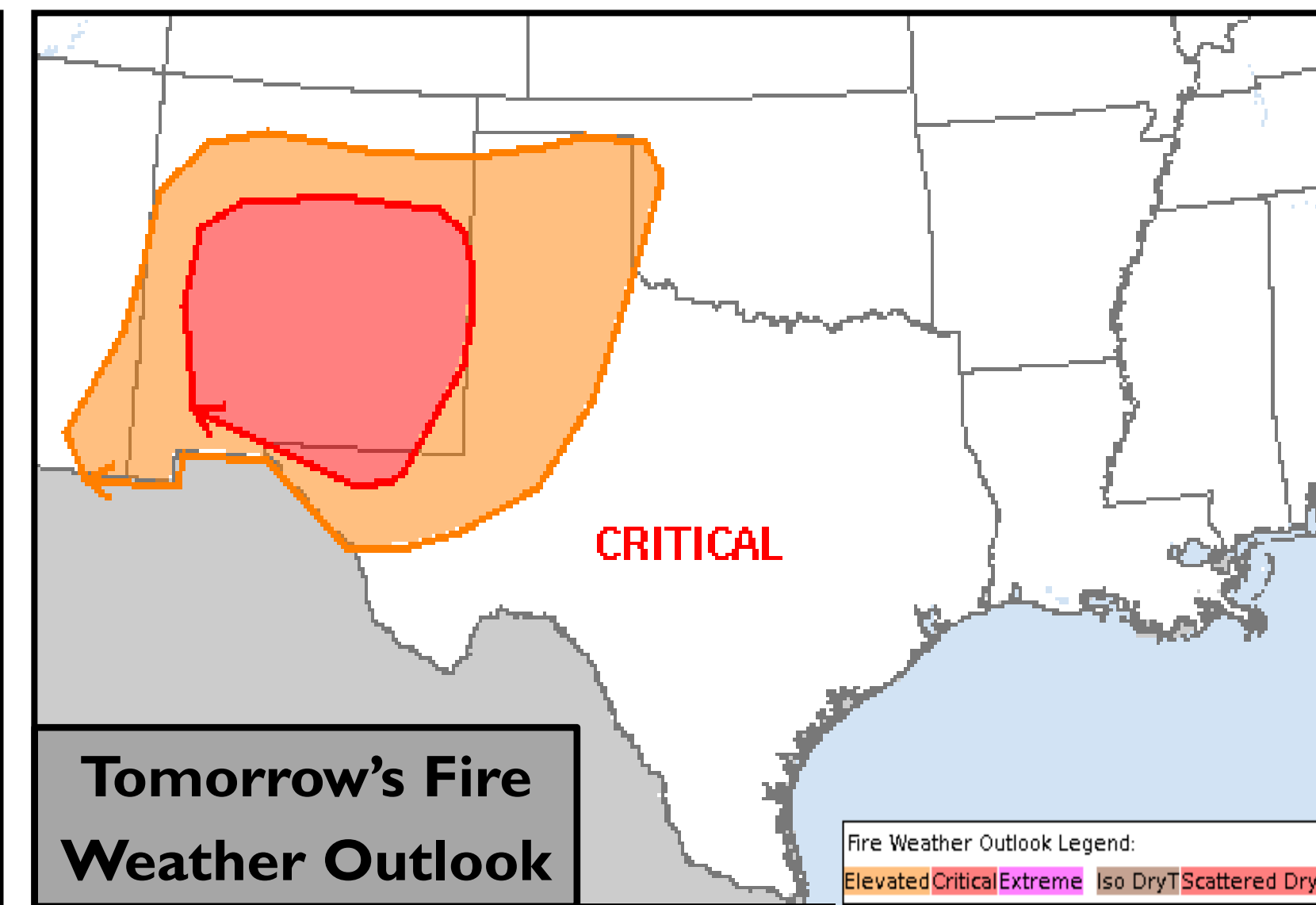
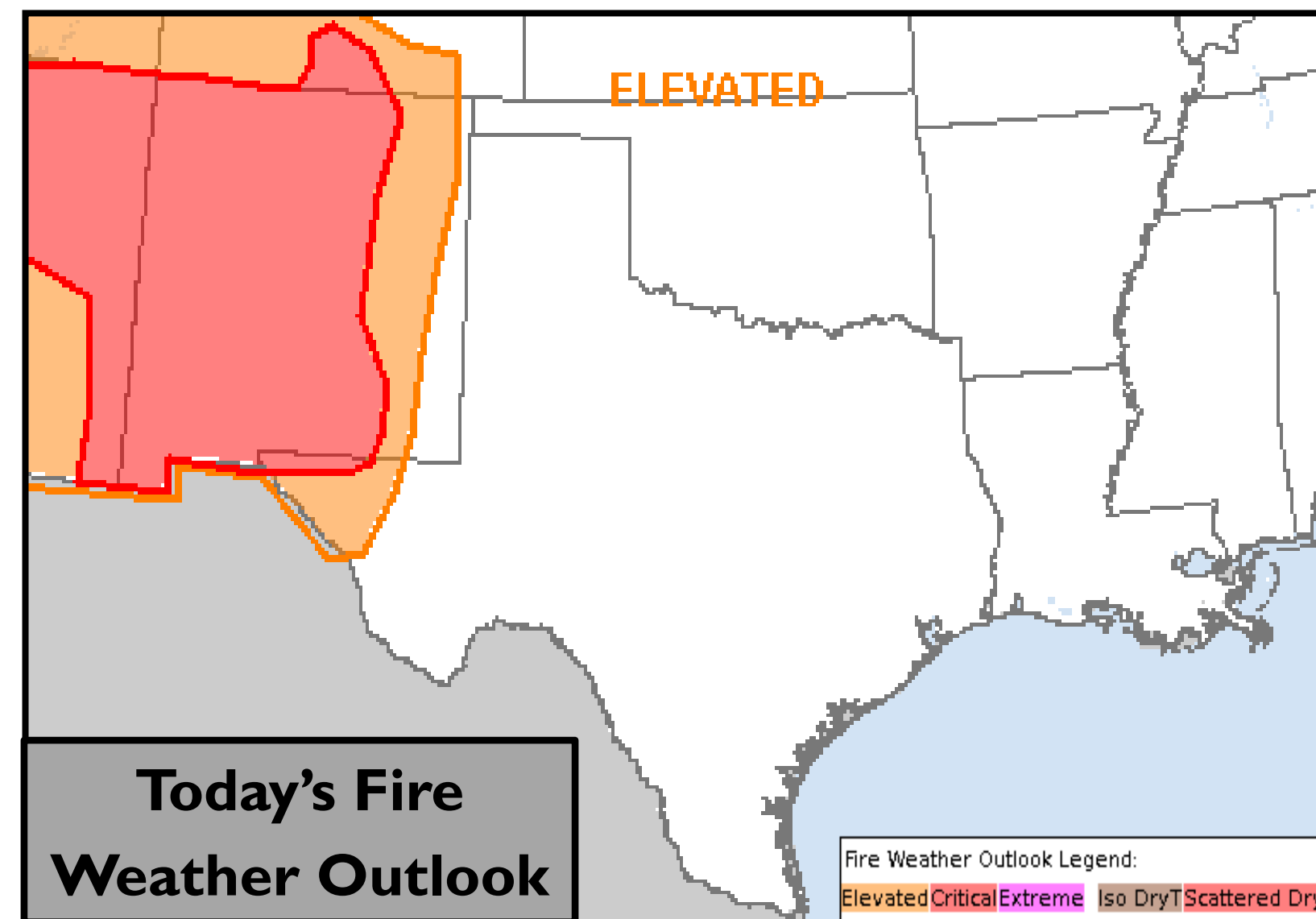
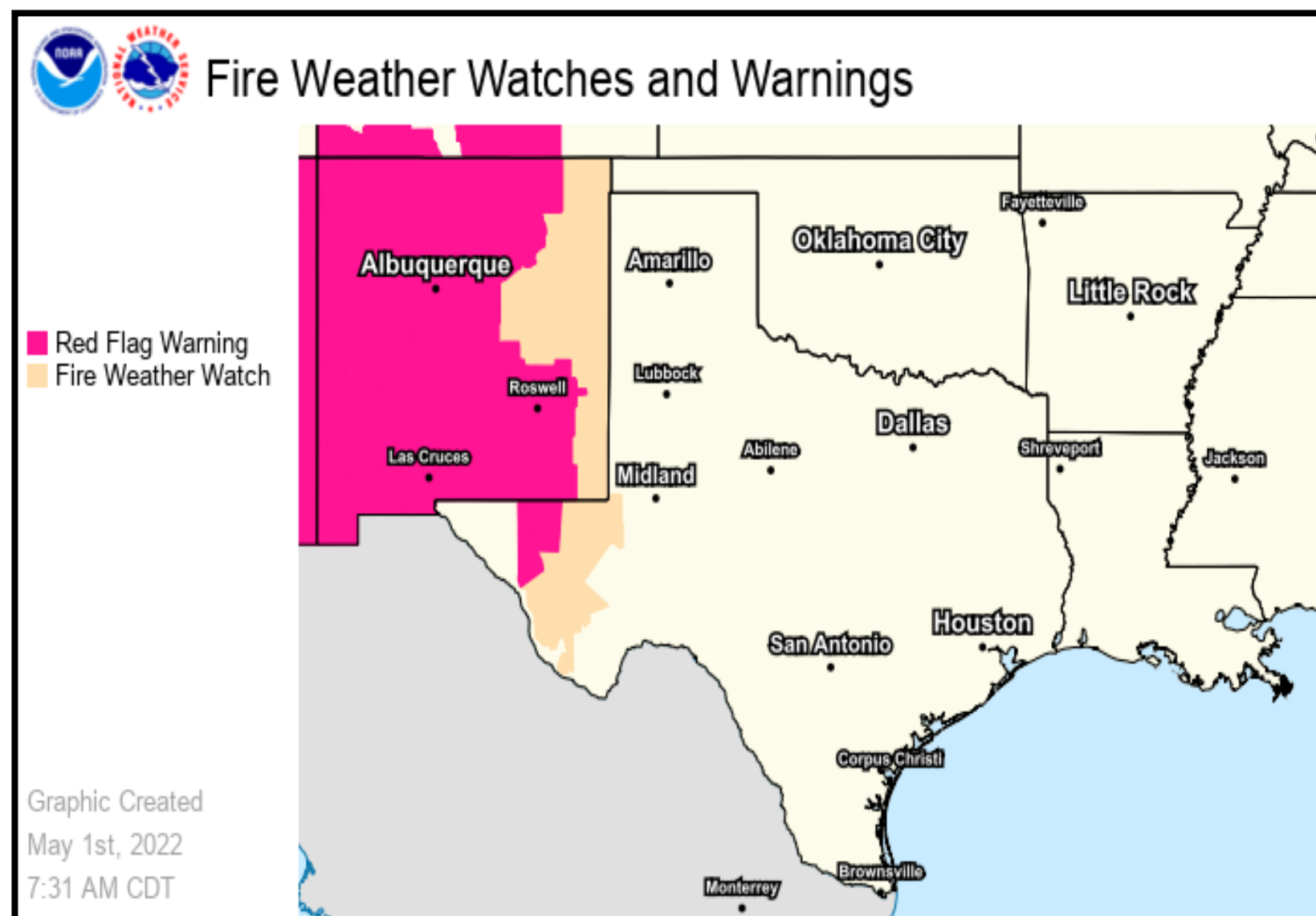
Excessive Rainfall Outlook





Fire Weather Outlooks

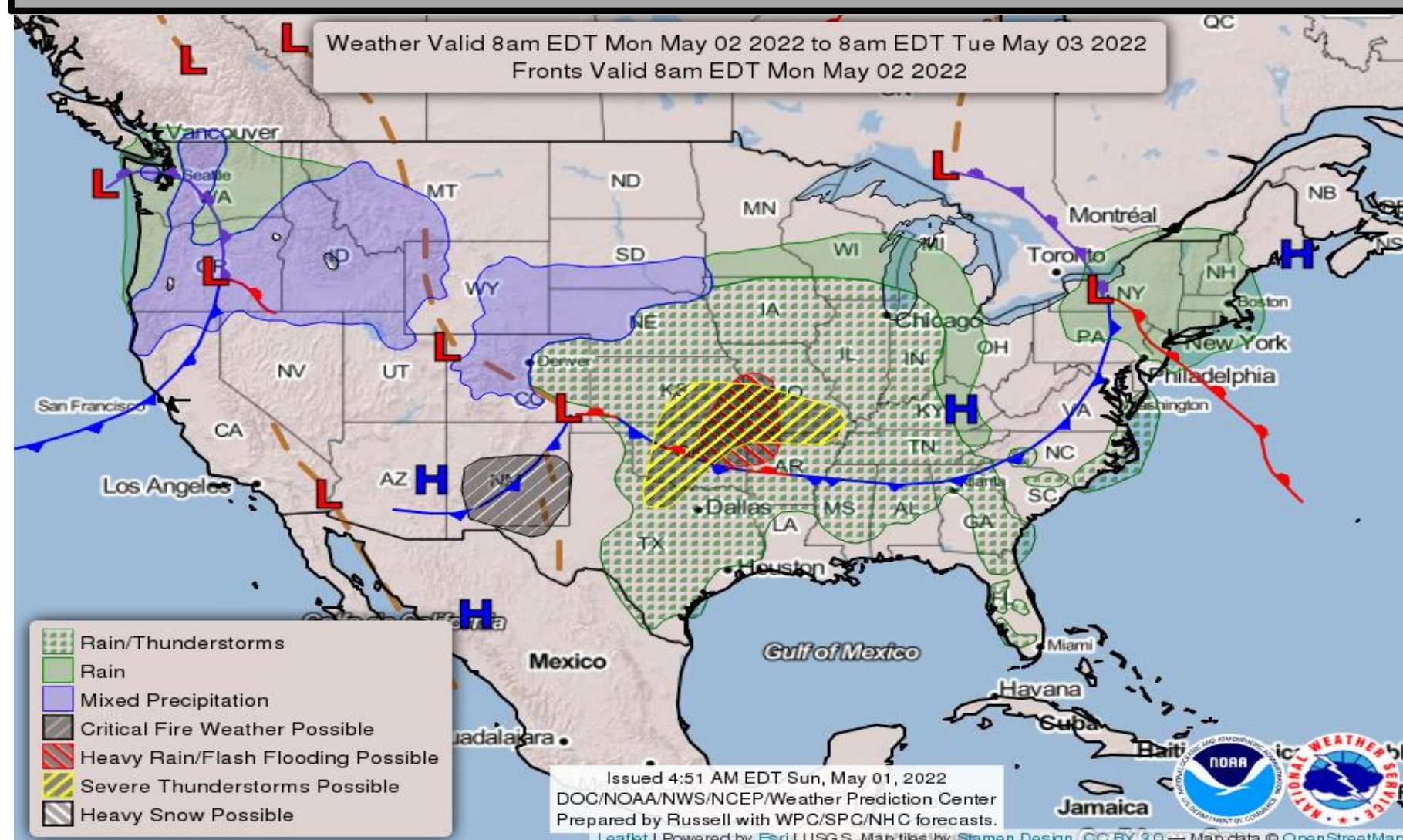
Note: Days 3-5 only highlight critical areas



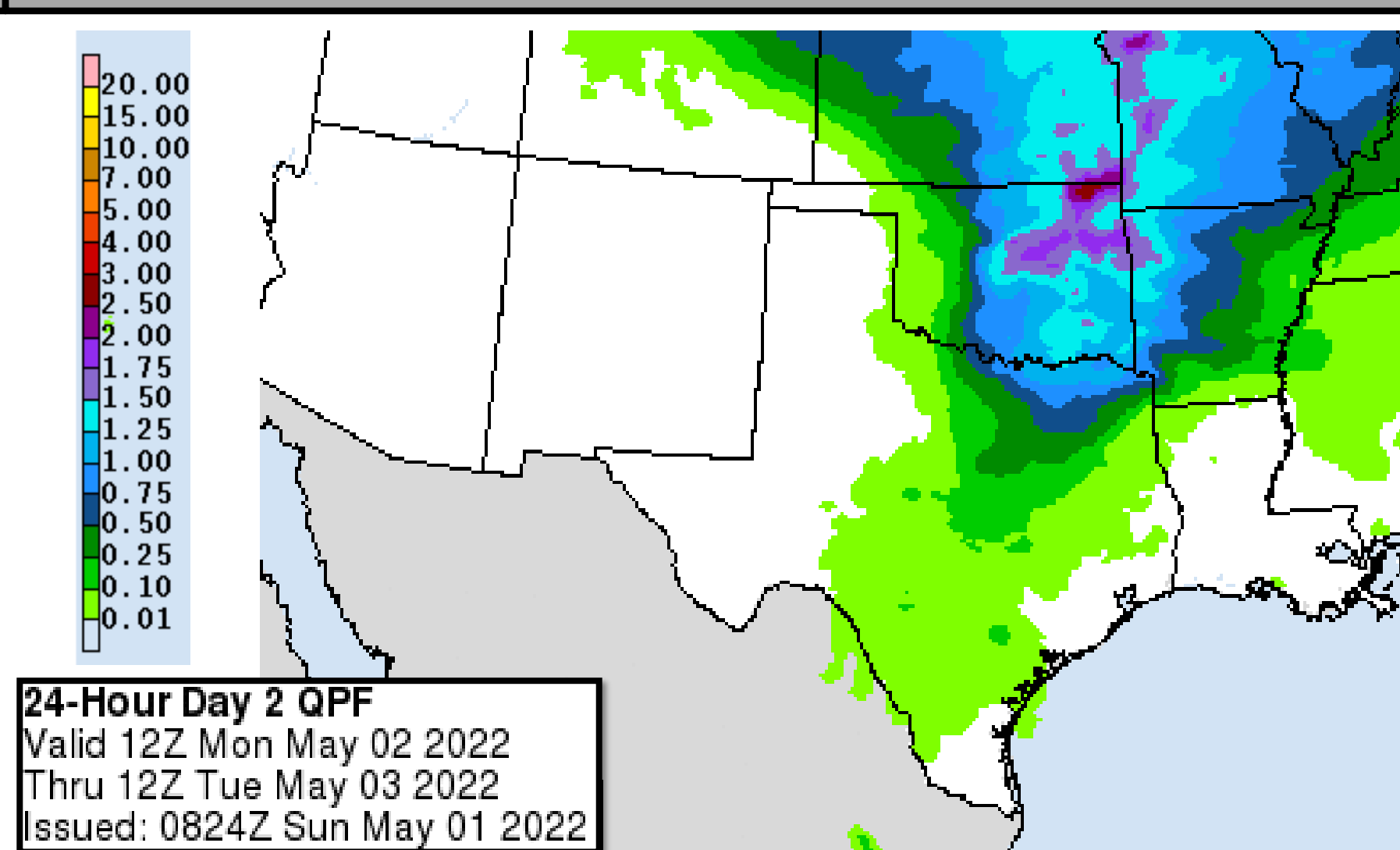


Tomorrow's Weather

Forecast Chart



Forecast Rainfall



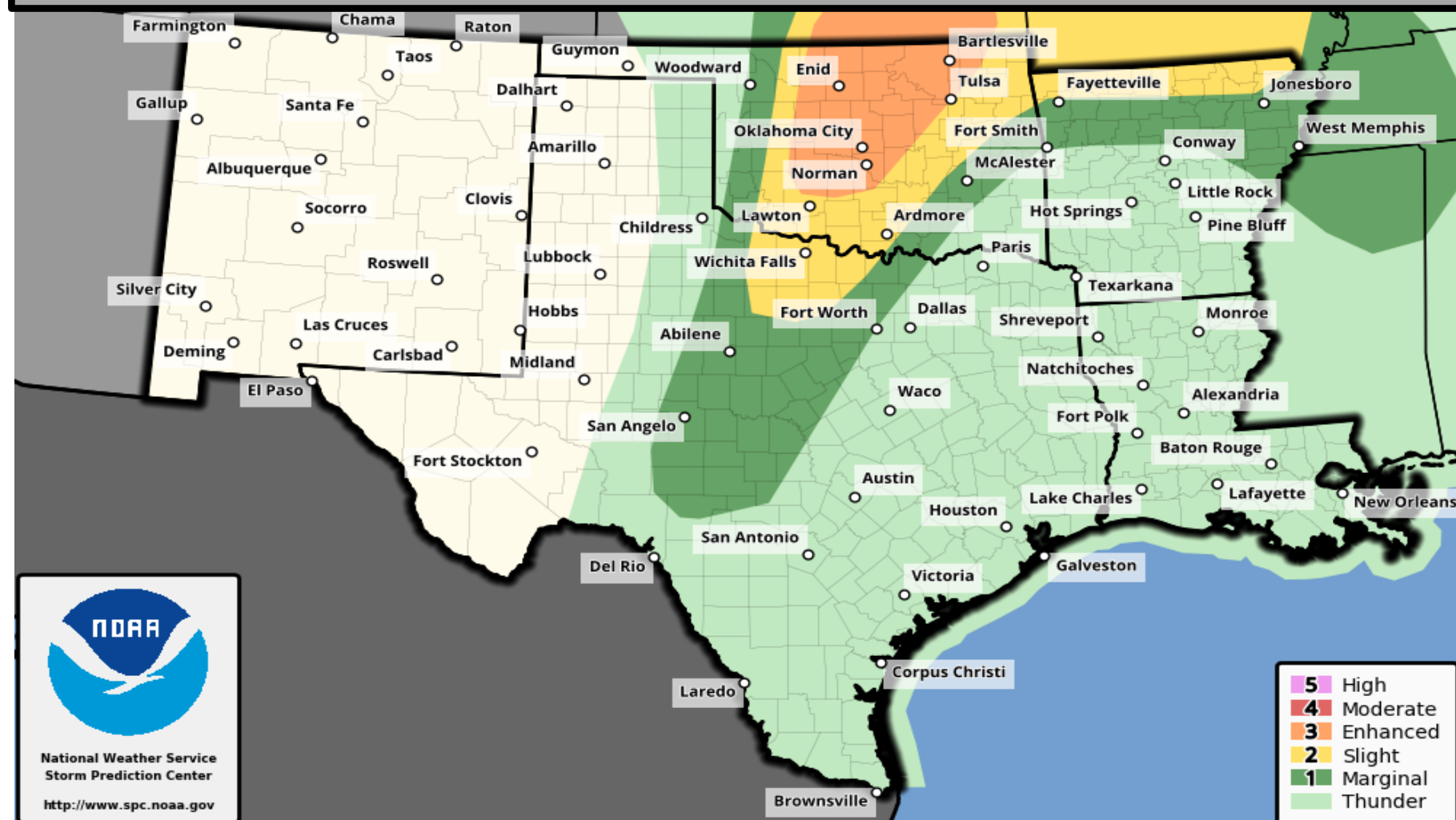
Enhanced risk area for severe thunderstorms across Cntrl and N OK. Threats include very large hail and the potential for strong tornadoes.

Slight risk for severe thunderstorms across NW TX into OK and N AR.

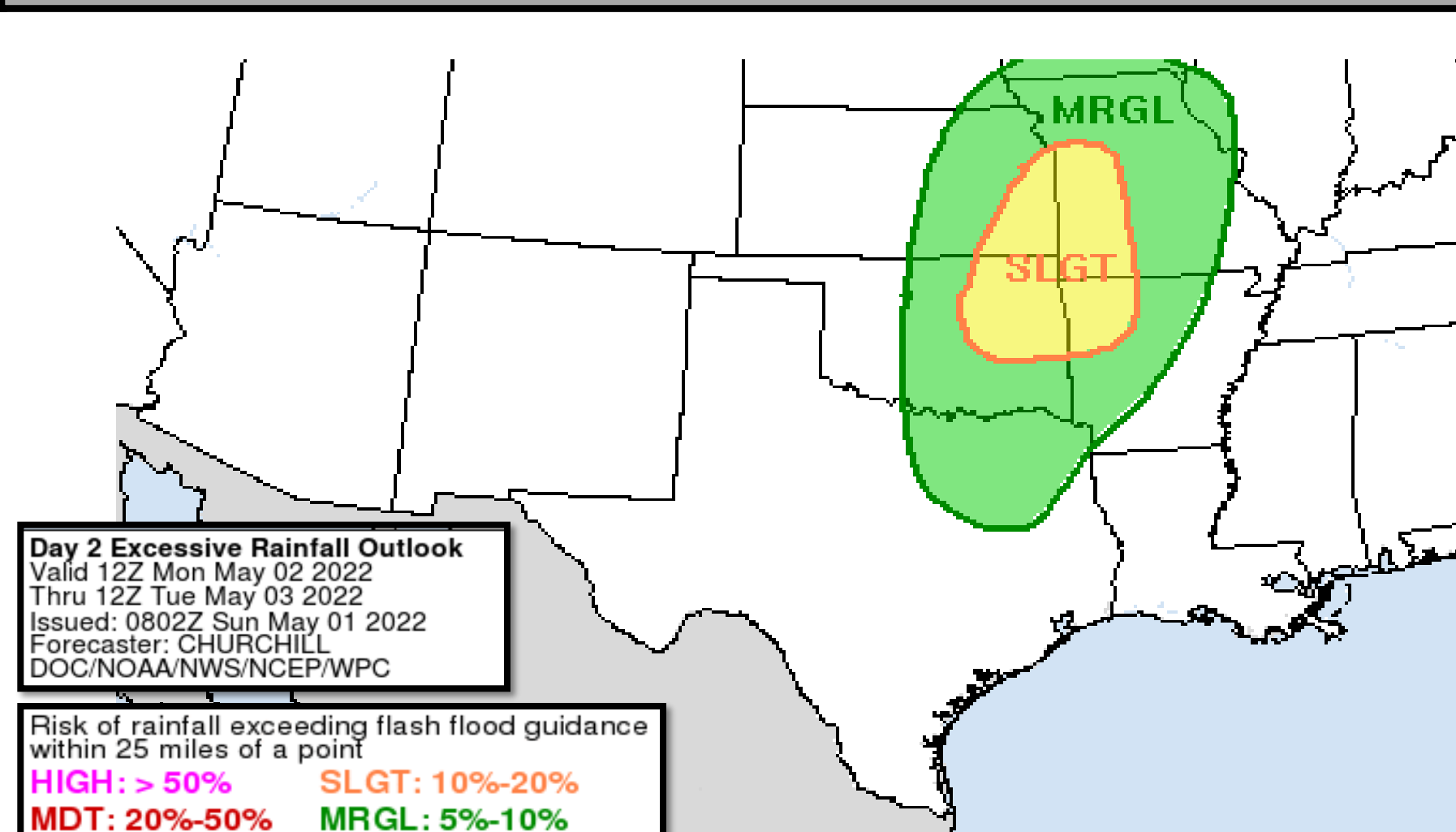
Scattered heavy rainfall and flash flooding possible across NE OK and NW AR.

Critical fire weather conditions for NM and W TX.

Severe Weather Outlook



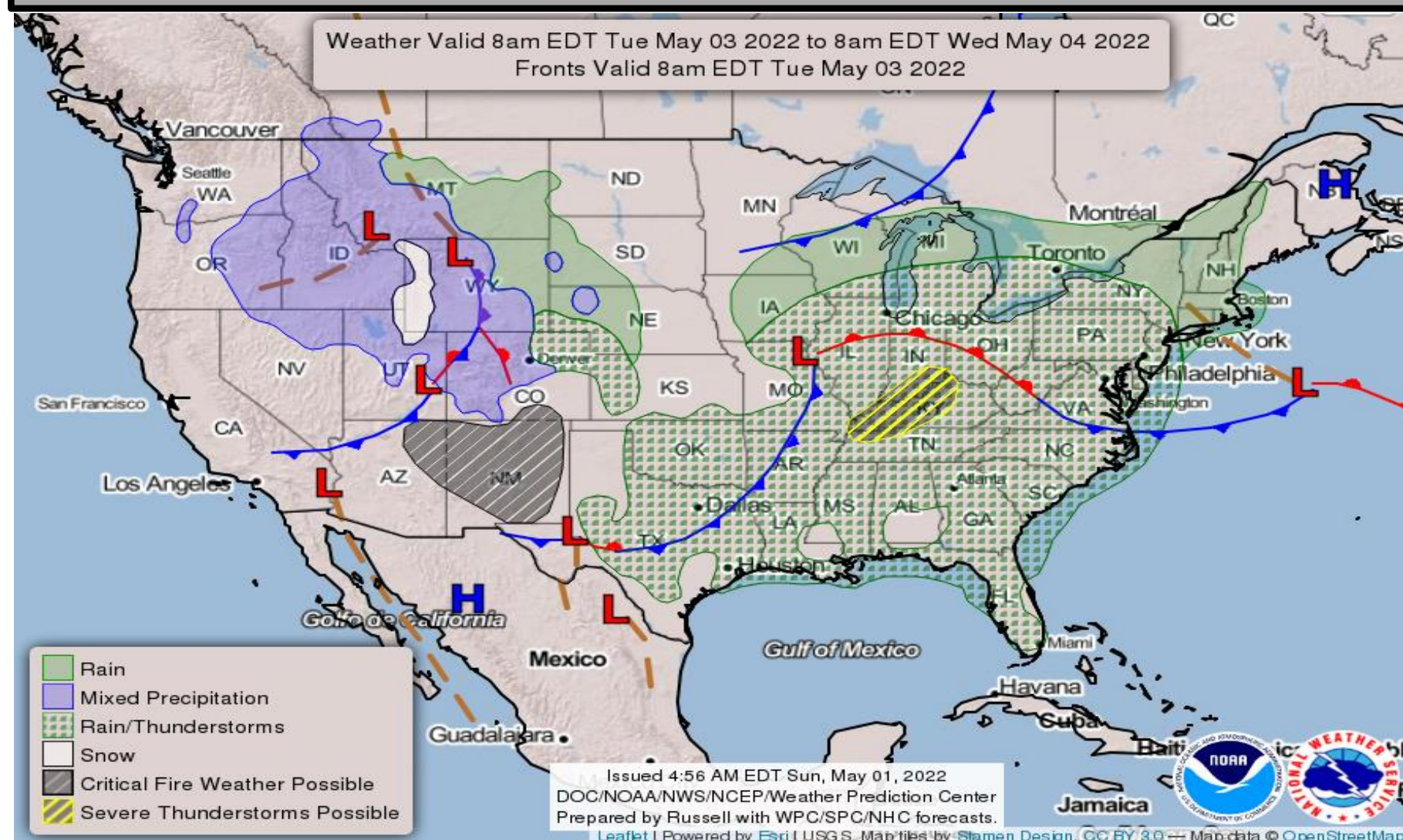
Excessive Rainfall Outlook



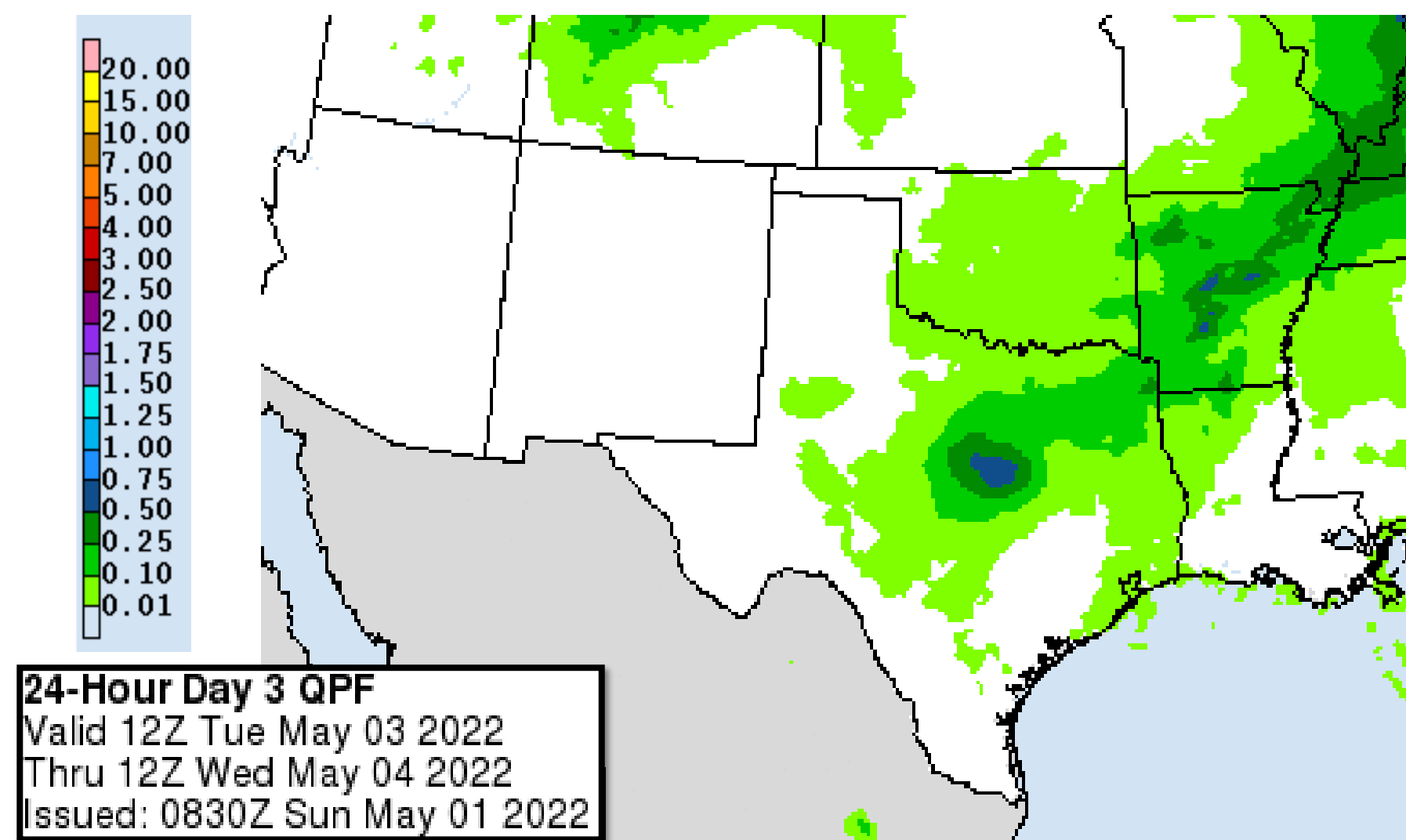


Tuesday's Weather

Forecast Chart

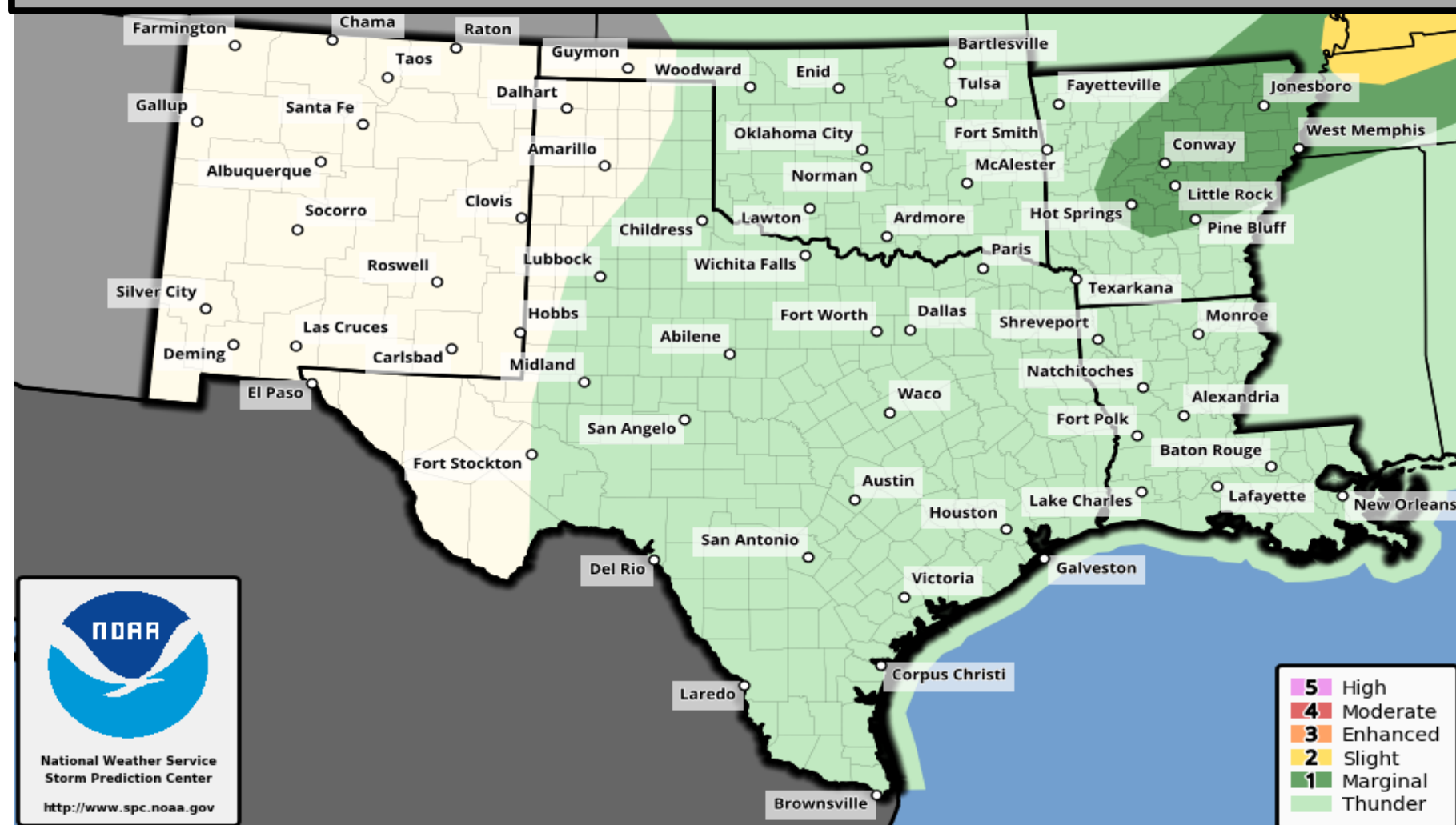


Forecast Rainfall

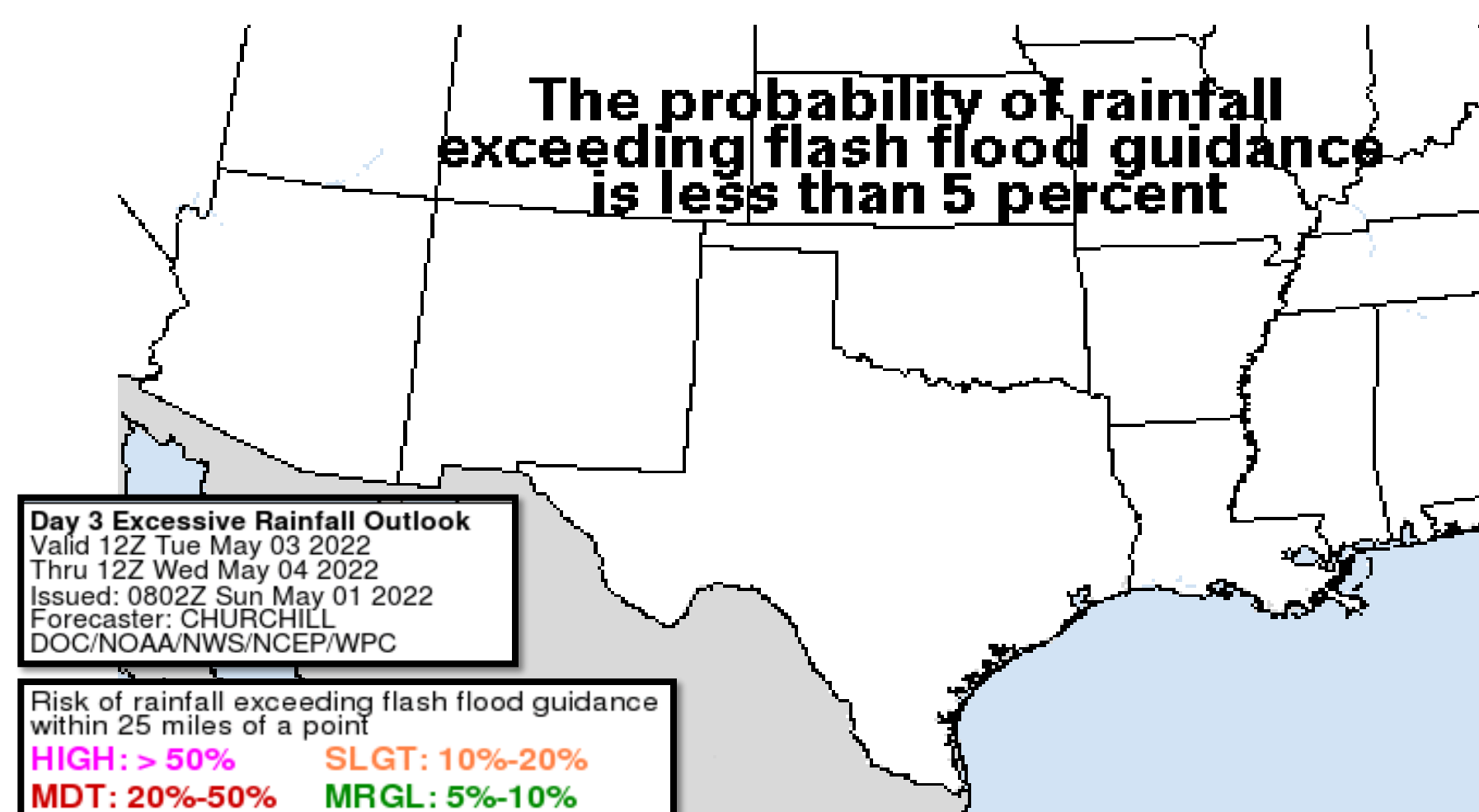


Isolated strong to severe storms across AR.

Severe Weather Outlook



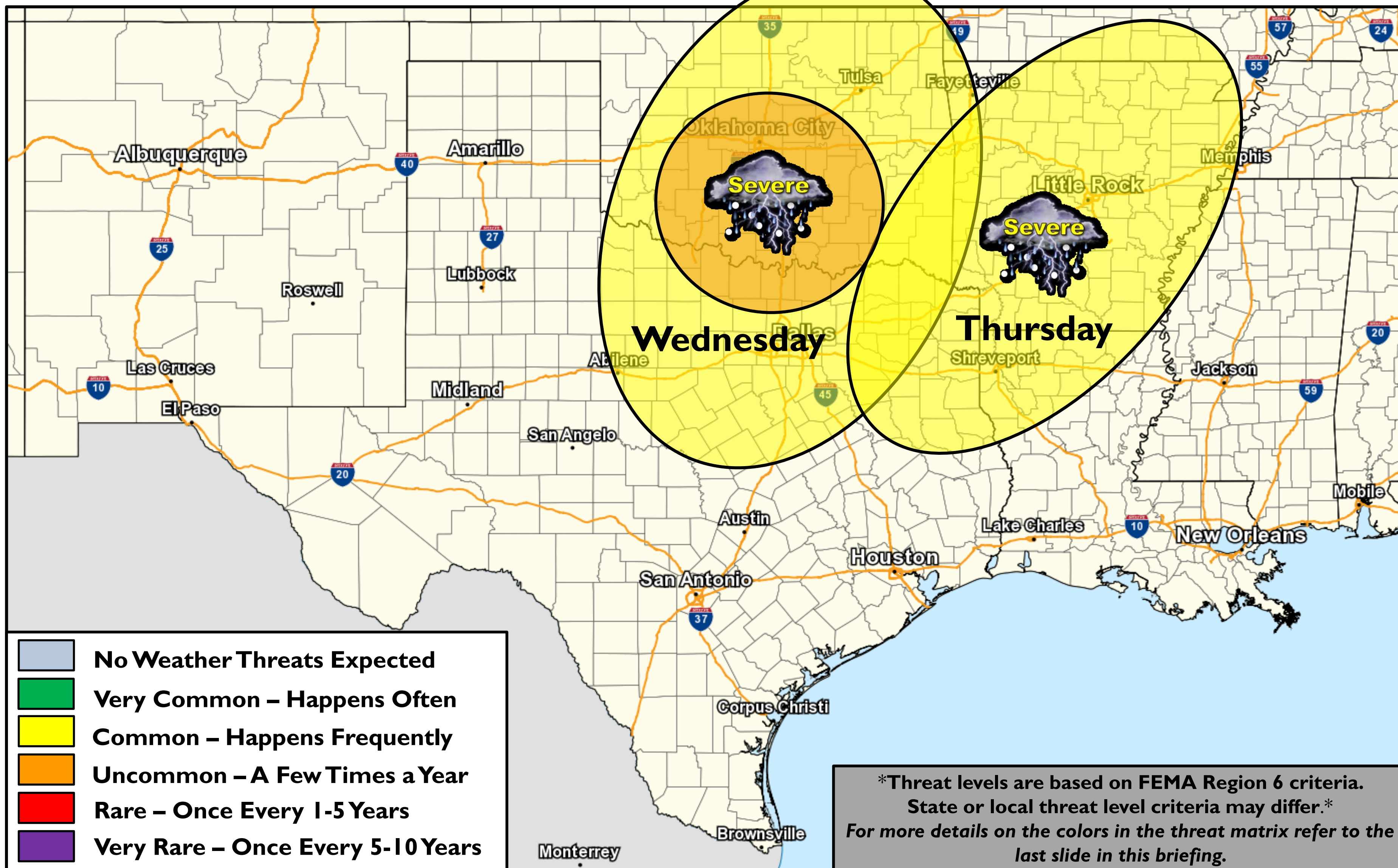
Excessive Rainfall Outlook





Days 4-5 Weather Hazards

Wednesday - Thursday



Severe storms on Wednesday across Central and North TX into OK.

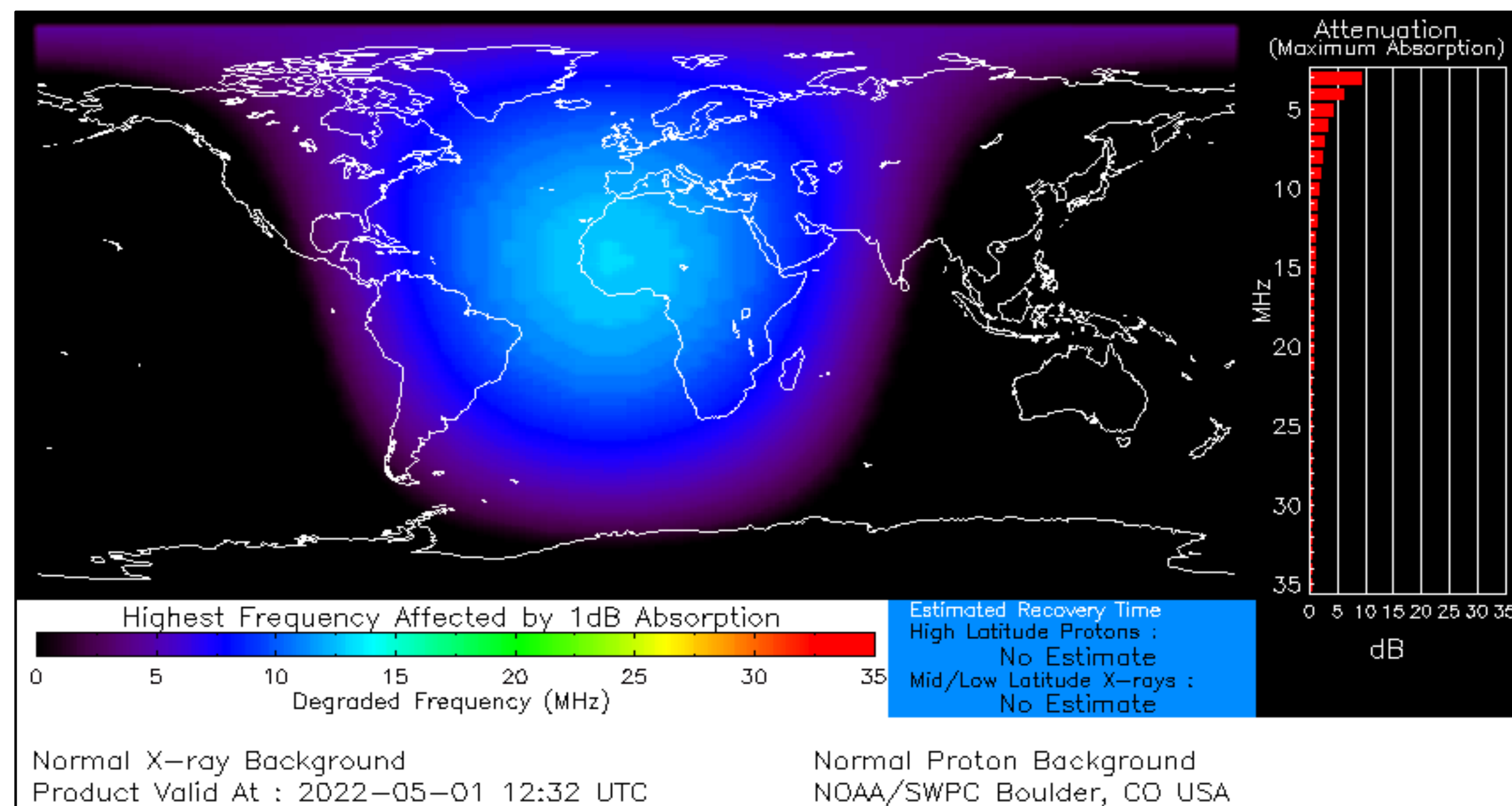
Heavy rainfall and flash flooding possible on Wednesday across OK.

Threat of severe storms continues on Thursday across SE OK, NE TX, AR, and NW LA.



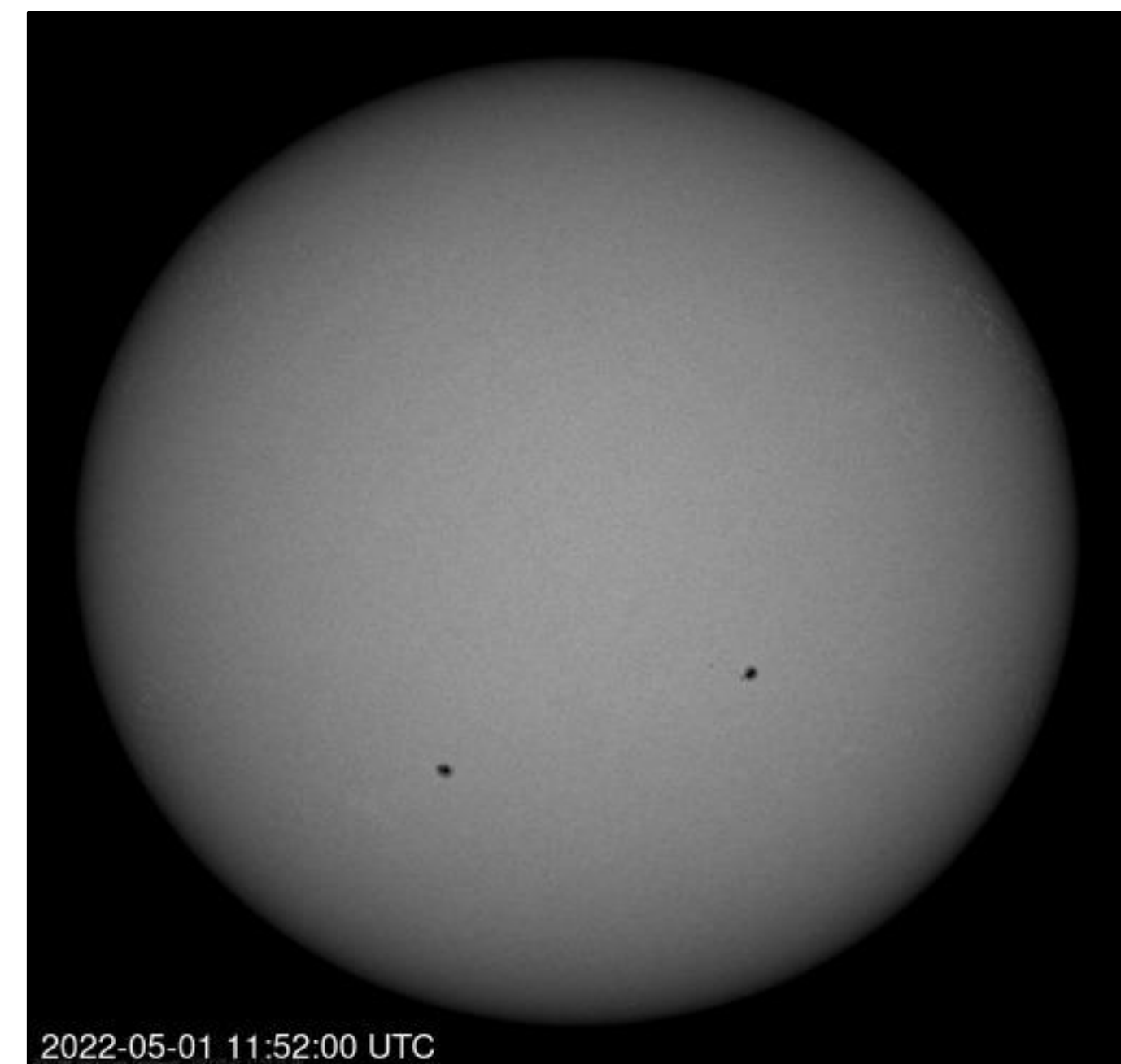
Space Weather 3-Day Forecast

	Sunday	Monday	Tuesday
Geomagnetic Storms	Active (Max Kp = 4)	Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	10%	10%	1%
Radio Blackout (R1-R2)	35%	15%	1%
Radio Blackout (R3-R5)	15%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix for FEMA Region VI

Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as sea breeze storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov